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4 MAR 1983

THRU: VP *PA*

Background Paper for DR *Jan*

11 MAR 1983

SUBJECT: Recent Adverse Publicity on Parapsychological Research (U)

1. (S) PURPOSE: To provide background on the recent adverse publicity in the event questions are raised regarding possible relationship to the DoD GRILL FLAME project.

2. (S) POINTS OF MAJOR INTEREST:

a. (S) SUMMARY: A well-known magician recently released a story to TV and the press claiming that he succeeded in a hoax involving parapsychological research. This magician, Mr. James Randi, claimed that parapsychological researchers at an academic facility in St. Louis, Missouri, were taken in by trickery, and that most, if not all of parapsychological research is suspect. These claims are in fact gross distortions, since the researchers involved never stated they had observed evidence of psychic ability in formal experiments. Since this controversy may raise questions on this research area in general, the basic difference between the academic laboratory under attack and the DoD GRILL FLAME contractor (SRI International) are also discussed. It is shown that considerable differences exist, and that this recent negative publicity should not have any adverse impact on the GRILL FLAME project.

b. (U) DISCUSSION:

(1) (U) Some aspects of parapsychological research in an academic laboratory have recently come under attack by a well-known magician, Mr. James Randi. In a press conference on 28 January 1983, Mr. Randi revealed details of a hoax that he had designed to show weakness in the experimental techniques and protocol of the McDonnell Laboratory for Psychical Research, Washington University, St. Louis, Missouri. This hoax involved two teenage "plants," under Mr. Randi's tutelage, who attempted to demonstrate apparent psychic ability by use of trickery. This hoax spanned a 3-year period, and amounted to about 5 weeks of laboratory testing time.

(2) (U) Mr. Randi, in the January 1983 press release, claimed that the McDonnell Laboratory had been duped and that the researchers had fallen for a major hoax. These statements by Randi have received considerable TV and press attention recently (for example, see The Washington Post article on 1 March 1983, page 1: "Magicians Score a Hit on Scientific Researchers.")

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(3) (U) While it is true the McDonnell Laboratory researchers never declared publicly that they suspected a hoax was in progress, and even though they thought some of the early preliminary investigations (not formal scientific experiments) showed promise, they never claimed nor published anything that remotely indicated these teenagers had valid psychic ability. In a 1 September 1981 press release, the laboratory researchers summarized their work with these two individuals by the following: "... thus, although several events of interest have transpired, we do not claim that evidence conclusive of "psychic ability" has yet been demonstrated in our research." In fact, the McDonnell Laboratory discontinued research with these individuals in July 1982 when it became clear that they could not demonstrate psychic abilities under the tight controls of formal scientific experimentation.

(4) (U) Thus, it is apparent that Mr. Randi has presented an extremely one-sided view of this hoax attempt. He even claims that all parapsychological research is of questionable value. Most TV and press coverage thus far also reflect these views. As a result, the general public is given highly biased perspectives of this research area in general. This could generate negative reactions toward all parapsychological research, even for those laboratories where controls are tight and where unsolicited subjects are not accepted.

(5) (U) It is clear Mr. Randi is solely interested in promoting his image as a clever magician, and in enhancing his career as a showman, at the expense of reporting accuracy. The use of tactics involving "plants" raises significant ethical issues as well.

c. (S) POSSIBLE QUERIES: This issue is brought to your attention in anticipation of questions that may arise during discussions with representatives of Congress regarding DoD GRILL FLAME activities. These people may associate the McDonnell Laboratory work with all parapsychological research (including the SRI effort). There are considerable differences between the McDonnell Laboratory research and the SRI effort in this field.

d. (S) COMPARISON TO GRILL FLAME PROJECT: The DoD GRILL FLAME project relies on an on-site (DIA) monitor to insure that tight experimental protocols are in fact followed, and the target material used in the experiments or sessions is never disclosed until after all data is recorded. The types of experiments receiving the most severe attack by Mr. Randi involve psychokinesis (PK), an aspect of parapsychology that is not examined under the SRI contract. PK experiments of the type conducted at the McDonnell Laboratory are inherently more difficult to fraud-proof than the investigations involving long distance remote viewing pursued at SRI. In addition, the people used as remote viewers are not from open public volunteer sources. They have a long-time association with SRI personnel and are known to have extremely high ethical standards.

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~~SECRET~~3. (U) EXPECTED DEVELOPMENTS:

a. (S) Consequently, this recent adverse publicity to the field of parapsychology should not have any adverse impact on the GRILL FLAME project. It should in fact have an overall beneficial effect on open parapsychological laboratories that are not as tight in experimental technique and subject selection as they could be.

b. (U) Should it become necessary, additional background can be provided on this matter.

4. (U) RECOMMENDATION: None.

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2 Enclosures

1. The Washington Post

Article, 1 Mar 83,
"Magicians Score a Hit
on Scientific Researchers"
(U) 1 Cy

2. "Public Statements on
Research ...," 1 Sep 81,
McDonnell Laboratory for
Psychical Research, Washington
University, St. Louis, Missouri
(U) 1 Cy

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Encl 1

7 MARCH 1983 WASH POST pg 1

Magicians Score a Hit On Scientific Researchers

CPYRGHT

By Philip J. Hilts
Washington Post Staff Writer

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During more than 120 hours of experiments in a university lab in St. Louis, two young men performed amazing feats.

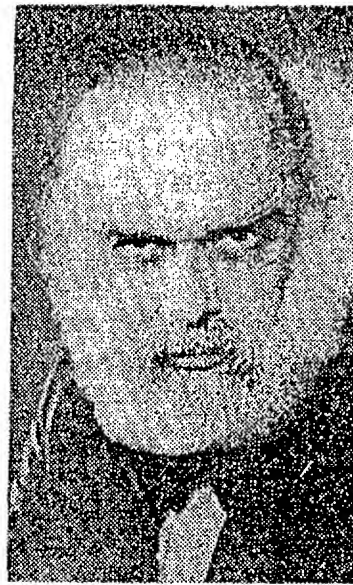
They bent dinnerware, moved objects without touching them, spun rotors protected by glass-covered cases, moved the hands of watches and made a digital watch go haywire. They saw through shielded envelopes. They made tiny fuses burn out suddenly, they created weird images on film.

All were fakery.

More than three years after the beginning of the experiments, magician James Randi exposed the feats as one of the slyest scientific hoaxes in years.

Randi said he masterminded the hoax to show that scientific research on psychic powers is not as scientific as it should be and that psychic researchers refuse the help of magicians to design experiments that prevent fakery.

Physicist Peter R. Phillips, director of the laboratory where the hoax occurred, said that he



JAMES RANDI

... warned of "psychic" trickery

trusted his research subjects completely and feels "there are ethical issues involved" in lying to researchers. At one point, he said, he was "80 percent sure" the psychic powers of the young men were real.

Now he says, "I should have taken [Randi's] help earlier," but he added that he was glad that in the end "we never made any conclusive claims" in print about the psychics. From now on, he said, he doesn't intend to accept psychic subjects from out of town and will check the background of those subjects with whom he works.

Many experiments in psychic

See HOAX, A7, Col. 5

THE WASHINGTON POST

Tuesday, March 1, 1983

... A7

Scientists Are Stung By Not-So-Psychics

HOAX, From A1

research have been "entirely too lax," said Robert Morris of Syracuse University, one of those most respected by believers in psychic research. Helmut Schmidt of the Mind Sciences Foundation in Texas, another researcher respected in the field, agreed that "most parapsychological research is not the tightest possible research."

With arguments aside about methods and ethics, both Randi and Phillips now agree: the hoax was worthwhile. It should put future researchers on their guard.

The hoax, which was revealed in the March issue of *Discover*, a science magazine, began in November, 1979, when two young magicians showed up, separately, at Washington University's McDonnell Laboratory for Psychical Research, each claiming to be a psychic of great power.

The scientists at McDonnell, after observing the magicians bend forks over dinner the first night, accepted their story and began running the two through scientific experiments to test their powers.

At times, the magicians said, the whole hoax was in danger, and one missing staple almost ended it.

In that experiment, magician Michael Edwards, now 23, was given specially insulated envelopes and asked to describe the pictures inside. The envelopes were closed with staples, and Edwards was sent alone into a quiet room "to concentrate" on the images.

He quickly pulled out the staples, looked at the pictures, replaced and re-bent the staples to look the way they had originally.

But to his horror, "I dropped one of the staples," Edwards said. "It was dark in the room. And I just couldn't find it." When he left the room he was sure his career as a psychic had ended.

Thinking quickly, just before the envelope was opened, Edwards spoke up: He asked for one more "feel" of the envelope. He held it a moment, put on a concentration act, then announced its contents and ripped open the envelope himself so the missing staple would not be detected. The episode was scored as a psychic "hit," he said.

There were other times when the experiments were changed and the magicians had to invent new tricks on the spot, or suddenly claim "bad vibrations" and beg off the experiment.

But early on the hoax seemed to be working.

Physicist Phillips, the chief scientist at McDonnell, says he was taken in for a couple of years. But finally, after hearing a rumor that the young performers were fakes, and accepting some help from Randi, the experiments were tightened up considerably.

Suddenly, the psychic powers he had seen for two years vanished.

The whole scheme was cooked up in 1979 by Randi, the stage name of James Zwing, the magician and indefatigable hunter of psychic fakery. To make it more interesting, Randi worked both sides of the trick.

On the one hand, he sent the two magicians to Washington University, which had been given funds to set up the McDonnell laboratory specifically to run psychic claims through a battery of rigorous scientific tests.

And on the other hand, he also sent 22 letters to those being hoaxed warning against the young men's tricks, offering to help, and suggesting specific methods of catching fakery. He instructed the young men that, if they were ever asked directly

whether they were faking, they should admit it immediately. Phillips never asked directly, Randi said.

Phillips said he does not feel foolish or cheated by being the object of a hoax, but "exhilarated" because in the end he did not publish any wrong final scientific papers and finally reached the proper conclusion.

It was a very near thing, however.

The early report said, "Two apparently powerful subjects... have presented themselves to McDonnell Laboratory for Psychical Research.... Both experimenters [Phillips and Mark Shafer] have observed apparent psychokinetic metal-bending on numerous occasions, with and without contact by the subjects. In [Phillips'] first session with Michael Edwards, he and three others each in turn placed several straight keys in their closed fists and asked Michael Edwards to influence them.... Edwards was never allowed contact with the keys, and in each instance, when the hand was opened one of the keys was discovered bent."

Edwards said that he simply picked up the keys when attention was diverted and bent them.

Phillips wrote, "Both subjects seem able to affect photographic film to the extent of producing streaks or blotches of light." The magicians said they simply lifted the lens cap and snapped pictures when the experimenter's attention was diverted.

Phillips also wrote of the bending of a 1/16-inch metal rod that was laid in a lucite mold. When in the mold, "The rod can be touched but not so that one can physically influence it." The young magicians "physically influenced it" by bending it before it was dropped into the mold, they said. They held it at an angle that made it look straight, and with mystical mumbo-jumbo gradually rotated the rod so it appeared to be bending.

Randi's code name for the whole hoax was "project alpha". Now, he warns psychical researchers, a "project beta" is already under way. After beta, "I can go right down the alphabet," he said with relish.

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